

# BROOKE COUNTY

Brooke

## Behavioral Health County Profile

Table 1: Demographics

	Brooke	WV
<b>Population</b>	24,069	1,852,994
<b>Race</b>		
White	97.0%	93.9%
Black	1.2%	3.4%
Other	1.8%	2.7%
<b>Median age</b>	44.8	41.3
<b>Civilian labor force</b>	58.4%	54.9%
<b>Median household income</b>	\$39,475	\$38,380
<b>Poverty rate (2010)</b>	11.0%	17.4%
<b>High school graduate or higher (2006-2010)</b>	87.9%	81.9%
<b>Veterans</b>	10.6%	9.2%

Source: US Census Bureau, 2010

Table 2: Health Conditions  
2004-2008

Indicator	Brooke	Rank in WV*
Fair or poor health	18.7%	29
No health insurance (ages 18-64)	20.6%	25
No leisure exercise	32.3%	7
Obesity	34.4%	8
Diabetes	9.2%	30
Hypertension	33.8%	13
High cholesterol	38.5%	23
Heart attack, angina, or stroke	11.9%	25
Current asthma	8.5%	26
Arthritis	31.5%	28

Source: WV Behavioral Risk Factor Survey, WV Bureau for Public Health, Health Statistics Center.

\*Ranking in WV is based on 36 geographic entities. Entities include 12 groups of counties and 24 stand-alone counties. Rankings based on prevalence; 1<sup>st</sup> highest rate and 36<sup>th</sup> lowest rate.

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The Bureau for Behavioral Health and Health Facilities is the designated host agency for the State Epidemiological Outcomes Workgroup (SEOW), a project funded by the Substance Abuse and Mental Health Services Administration (SAMHSA).

The SEOW was assembled to lead the statewide systematic process to gather, review, analyze, translate, and disseminate information about substance use and abuse and mental health in West Virginia.

This document has been developed based upon the most current and available data on substance use and its related consequences. To view the WV Statewide Epidemiological Profile, please visit: [www.wvdhhr.org/bhhf](http://www.wvdhhr.org/bhhf)

Table 3: Behavioral Risk Factors  
2004-2008

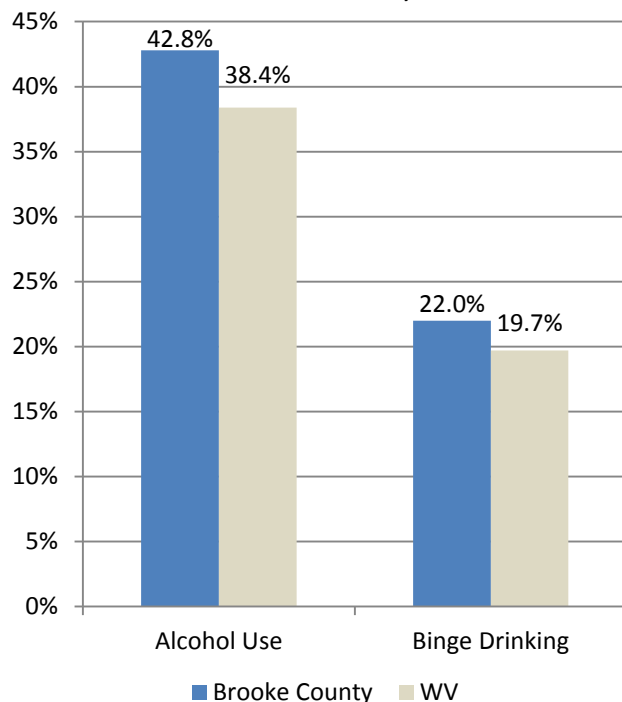
Indicator	Brooke	Rank in WV*
Cigarette smoking	26.3%	19
Smokeless tobacco use	8.1%	21
Binge drinking	15.9%	1

Source: WV Behavioral Risk Factor Survey, WV Bureau for Public Health, Health Statistics Center.

\*Ranking in WV is based on 36 geographic entities. Entities include 12 groups of counties and 24 stand-alone counties. Rankings based on prevalence; 1<sup>st</sup> highest rate and 36<sup>th</sup> lowest rate.

## Alcohol Consumption

**Figure 1: Alcohol Use in the Past Month among Persons 12 Years or Older, 2006-2008**



**Table 4: Alcohol Use in the Past Month among Persons 12-20 Years, 2006-2008**

	Brooke	WV
Alcohol use	26.0%	25.2%
Binge drinking	20.2%	17.9%

**Table 5: Risk and Protective Factors, 2006-2008**

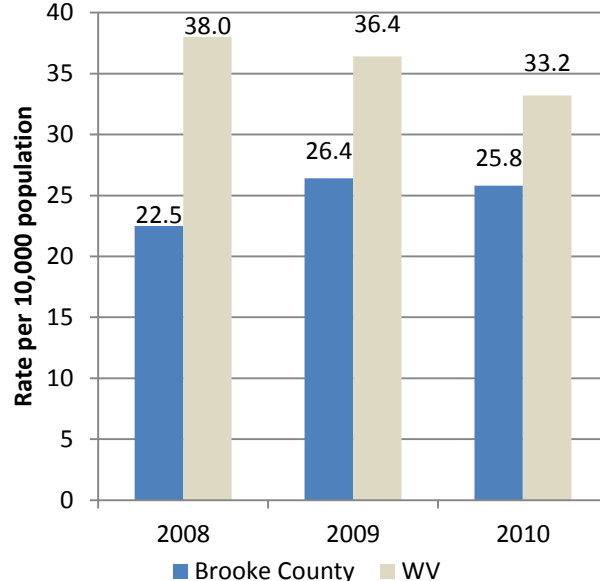
	Brooke	WV
Perceptions of great risk of having five or more drinks of an alcoholic beverage once or twice a week (among persons 12 years or older)	41.4%	42.1%
Persons needing but not receiving treatment for alcohol use in the past year	6.7%	6.1%

Source: National Survey on Drug Use and Health

Note: Annual averages are based on 2006-2008 data. Brooke County data is reflected from the sub-state region and is made up of the following counties: Brooke, Hancock, Marshall, Ohio, and Wetzel.

## Alcohol Related Consequences

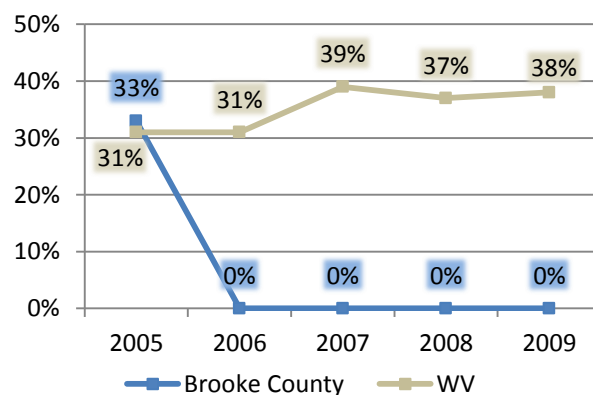
**Figure 2: Driving Under the Influence (DUI) Arrests, 2008-2010**



**Table 6: DUI Arrests, 2008-2010**

	2008	2009	2010
Brooke DUI arrests	53	62	62
Brooke rate per 10,000	22.5	26.4	25.8
WV DUI arrests	6,886	6,622	6,154
WV rate per 10,000	38.0	36.4	33.2

**Figure 3: Alcohol-Related Fatal Vehicle Crashes**

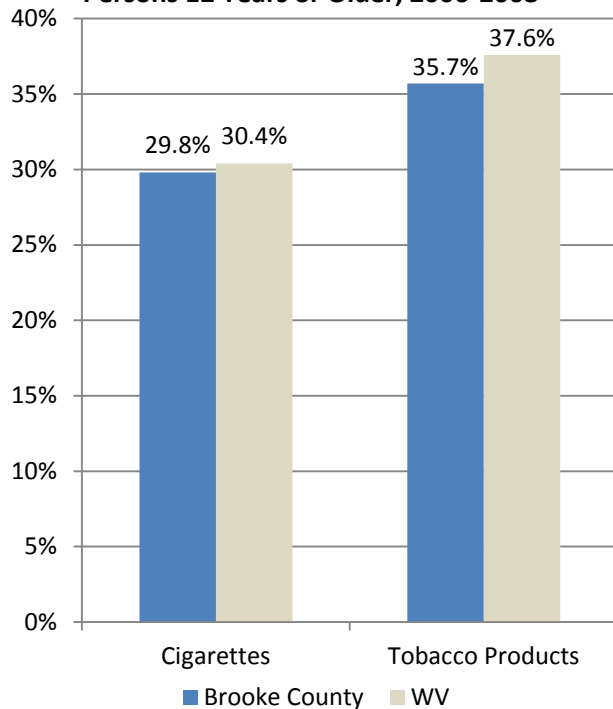


Source: Fatality Analysis Reporting System

Note: Data reflects persons killed in motor vehicle crashes where driver blood alcohol content (BAC) was 0.01% or higher.

## Tobacco Consumption

**Figure 4: Tobacco Use in the Past Month among Persons 12 Years or Older, 2006-2008**



**Table 7: Perceptions of Great Risk of Smoking One or More Packs of Cigarettes per Day**

Brooke County	WV
67.8%	68.2%

## Tobacco Consequences

**Table 8: Selected Causes of Death Attributable to Smoking in 2009; Number of Deaths per 10,000**

	Brooke	WV
Lung/Bronchus/Trachea Cancer	10.2	8.6
Chronic Obstructive Pulmonary Disease	6.0	8.3
Major Cardiovascular Disease	43.0	36.5

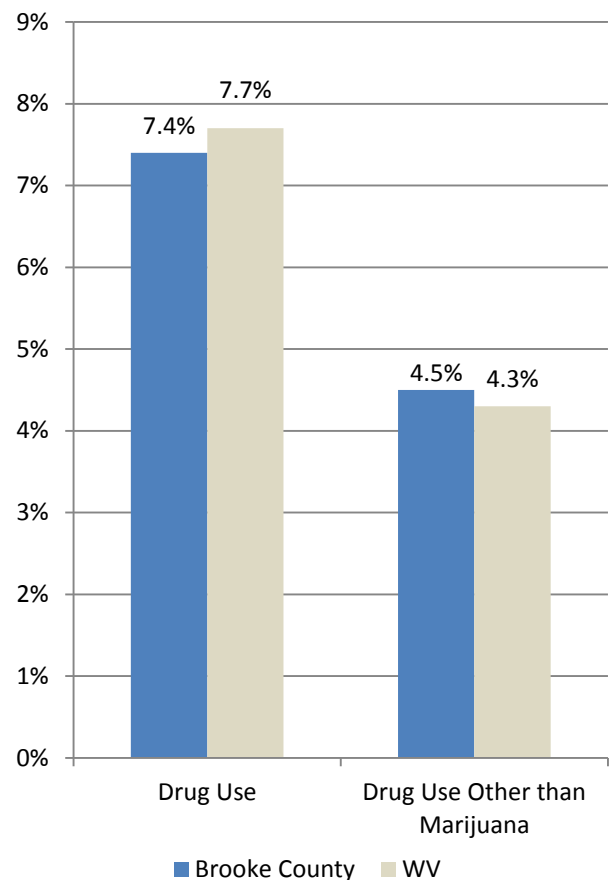
Note: Not all deaths are tobacco related; the selected causes of death are most commonly attributable to cigarette smoking.

## Drug Consumption

**Table 9: Marijuana Use in the Past Month among Persons Aged 12 Years or Older, 2006-2008**

Brooke County	WV
5.0%	5.4%

**Figure 5: Drug and Marijuana Use in Past Month, Persons 12 Years or Older, 2006-2008**

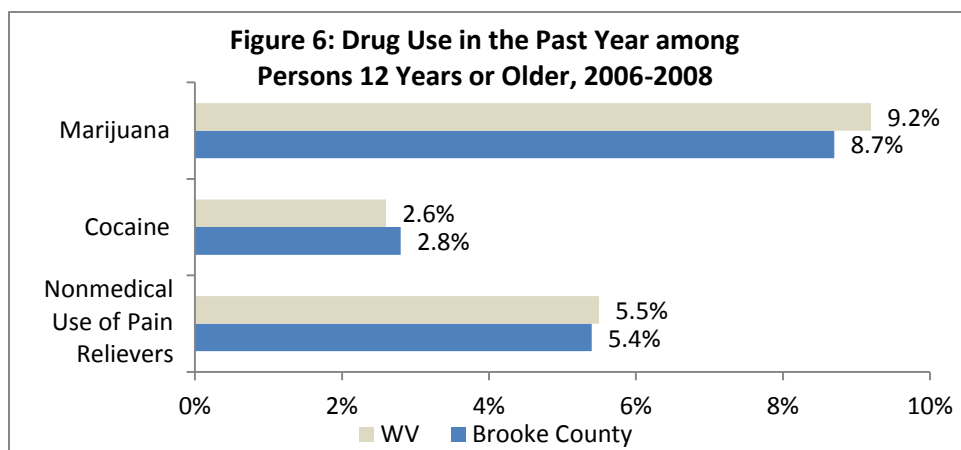


Source: National Survey on Drug Use and Health

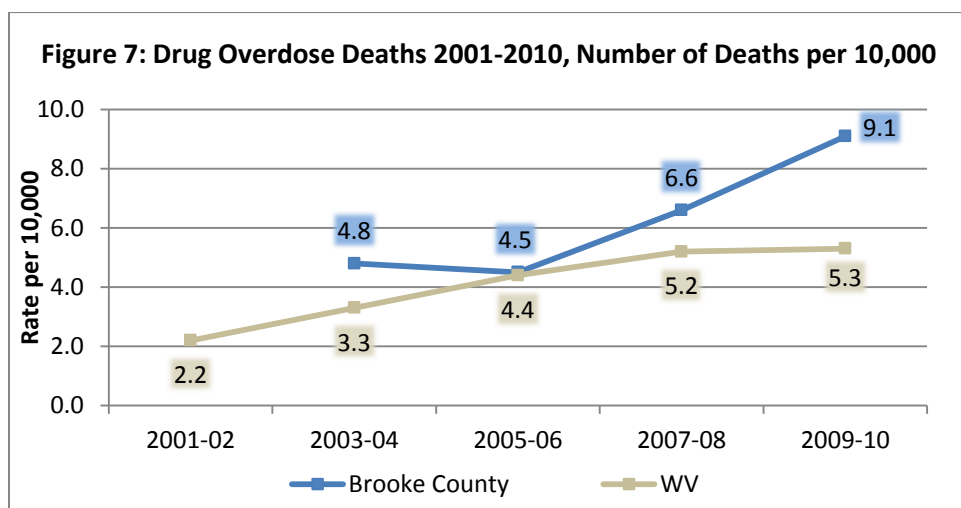
Note: Annual averages based on 2006-2008 data.

Brooke County data is reflected from the sub-state region and is made up of the following counties: Brooke, Hancock, Marshall, Ohio, and Wetzel.

## Drug Consumption



## Drug Consequences



**Table 10: Drug Overdose Deaths 2001-2010**

Year	# of Brooke Deaths	Rate of Brooke Deaths	# of WV Deaths	Rate of WV Deaths
2001-02	*	*	388	2.2
2003-04	12	4.8	599	3.3
2005-06	11	4.5	807	4.5
2007-08	16	6.6	961	5.2
2009-10	22	9.1	989	5.3

Source: WV Bureau for Public Health, Health Statistics Center

Note: Rates are number of deaths per 10,000.

\*Values based on 5 or fewer deaths are suppressed to protect the confidentiality of the person.

**Table 11: Drug Risk and Protective Factors, 2006-2008**

	Brooke	WV
Perceptions of great risk of smoking marijuana once per month	45.2%	44.4%
Persons needing but not receiving treatment for drug use in the past year	2.8%	2.7%

*Many types of prescription drugs are abused. Currently there is a growing, deadly epidemic of prescription painkiller abuse in West Virginia and across the country. In the US, nearly three out of four prescription drug overdoses are caused by prescription painkillers—also called opioid painkillers.*

*West Virginia has seen a rise in prescription drug overdose deaths of nearly 230% since 2001. More than 12 million people reported using prescription painkillers non-medically across the US in 2010, that is, using them without a prescription or for the feeling they cause.*

## Homelessness

**Table 12: 2011 Homeless Status**

	Number of Persons
Literally homeless	*
Imminently losing their housing	0
Unstably housed and at-risk of losing housing	0

**Table 13: 2011 Homeless Population Behaviors**

	Number of Persons	Percent
Alcohol abuse	*	*
Drug abuse	*	*
Alcohol and drug abuse	*	*
Mental health	*	*

Source: WV Coalition to End Homelessness

\*Values based on 5 or fewer are suppressed to protect the confidentiality of the person.

## Domestic Violence

**Table 14: Individuals Served Through the West Virginia Coalition Against Domestic Violence**

	2010
Sheltered	12
Non-sheltered	77

**Table 15: 2010 Survivors Behavioral Health Status**

Indicator	Number	Percent
Identified as having a mental disability	7	7.9%
Referred to a mental health provider	*	*

**Table 16: 2010 Abusers Behavioral Health Status**

Indicator	Number	Percent
Substance abuse identified as contributing to abuse	22	32.8%
Referred to a mental health provider	*	*

Source: WV Coalition Against Domestic Violence

Note: All indicators are self-reported from the survivor.

\*Values based on 5 or fewer are suppressed to protect the confidentiality of the person.

## Psychological Distress

**Table 17: Serious Psychological Distress in Past Year among Persons 12 Years or Older, 2006-2008**

Brooke County	WV
11.5%	12.3%

Source: National Survey on Drug Use and Health.

Note: Annual averages are based on 2006-2008 data. Brooke County data is reflected from the sub-state region and is made up of the following counties: Brooke, Hancock, Marshall, Ohio, and Wetzel.

## Suicide

**Table 18: 2000-2009 Suicide Deaths**

	Brooke County	WV
Number of Suicides	37	2,810
Rate per 10,000	1.49	1.54

Source: WV Bureau for Public Health, Health Statistics Center

Note: Rates are number of deaths per 10,000

*Suicide is fatal, but it is 100% preventable. A history of depression or other mental illness can increase a person's risk for committing suicide. The National Violent Death Reporting System reported in a recent study that one-third of those who died by suicide tested positive for alcohol at the time of death.*

*Brooke County ranks 34<sup>th</sup> in the state by the prevalence of suicides.*